



FREE TRANSMITTAL
for FY 2002
(Small Entity)

Complete if Known

Application Number	09/735,995
Filing Date	14 December 2000
First Named Inventor	Mark T. KEATING
Examiner Name	Celine X. Qian
Group Art Unit	1636
Attorney Docket Number	2323-156

Total Amount of Payment	(\$200.00)
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METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge additional fees and credit any overpayment to Deposit Account Number 02-2135 in the name of Rothwell, Figg, Ernst & Manbeck
- ☒ Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☒ Applicant claims small entity status.
2. ☒ Payment Enclosed:
- ☒ Check
- ☐ Credit Card

FEE CALCULATION

1. FILING FEE

Fee Code	Fee \$	Fee Description	Fee Paid
201	370	Utility filing fee	[]
206	165	Design Filing Fee	[]
207	255	Plant Filing Fee	[]
208	370	Reissue Filing Fee	[]
214	80	Provisional Filing Fee	[]

SUBTOTAL \$

2. CLAIMS

Total Claims	Independent Claims	Multiple Dependent Claims	Extra Claims	Fee \$	Fee Paid
[]	[]	[]	- 20** = [] x	\$ 9 = []	[]
[]	[]	[]	- 3** = [] x	42 = []	[]
[]	[]	[]	+ 140 = []		[]

**or number previously paid, if greater;

SUBTOTAL \$

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Code	Fee Paid	Fee Description	Fee Paid
205	65	Surcharge - late filing fee or oath	[]
227	25	Surcharge - late provisional filing fee or cover sheet	[]
139	130	Non-English specification	[]
147	2,520	For filing a request for reexamination	[]
112	920	Requesting publication of SIR prior to Examiner action	[]
113	1,840*	Requesting publication of SIR after Examiner action	[]
215	55	Extension for reply within first month	[200.00]
216	200	Extension for reply within second month	[]
217	460	Extension for reply within third month	[]
218	720	Extension for reply within fourth month	[]
228	980	Extension for reply within fifth month	[]
219	160	Notice of Appeal	[]
220	160	Filing a brief in support of an appeal	[]
221	150	Request for Oral Hearing	[]
138	1,510	Petition to institute a public use proceeding	[]
240	55	Petition to revive -unavoidable	[]
241	640	Petition to revive - unintentional	[]
242	640	Utility issue fee (or reissue)	[]
243	230	Design issue fee	[]
244	310	Plant issue fee	[]
122	130	Petitions to the Commissioner	[]
123	50	Processing fee under 37 CFR 1.17(q)	[]
126	180	Submission of Information Disclosure Statement	[]
581	40	Recording each patent assignment per property (times number of properties)	[]
246	370	Filing a submission after final rejection (37 CFR 1.129(a))	[]
249	370	For each additional invention to be examined (37 CFR 1.129(b))	[]
279	370	Request for Continued Examination (RCE)	[]
169	900	Request for expedited examination of a design application	[]
195	300	Publication fee for early, voluntary, or normal publication	[]
196	300	Publication fee for republication	[]
089	200	Filing an application for patent term adjustment	[]
090	400	Request for reinstatement of term reduced	[]
Other fee (specify)			[]

* Reduced by Basic Filing Fee Paid

SUBTOTAL \$200.00

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NOV 19 2002
TECH CENTER 1600/2900

SUBMITTED BY		Complete (if applicable)	
NAME AND REG. NUMBER	Michael J. Moran, Reg. No. 42,013		
SIGNATURE		DATE	11/15/02
		DEPOSIT ACCOUNT USER ID	



#8B
Lita
Nov 19, 02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE	<i>Application Number</i>	09/735,995
	<i>Filing Date</i>	14 December 2000
	<i>Named Inventor</i>	Mark T. KEATING
	<i>Group Art Unit</i>	1636
	<i>Examiner Name</i>	Celine X. Qian
	<i>Attorney Docket Number</i>	2323-156
<i>Title of the Invention:</i> MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT SYNDROME GENE		

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AMENDMENT

NOV 19 2002

Assistant Commissioner for Patents
Washington, D.C. 20231

TECH CENTER 1600/2900

Dear Sir:

In response to the Office Action mailed 17 June 2002, please amend the above-identified application as follows.

IN THE CLAIMS:

Please cancel claims 11-18, 29 and 30 without prejudice to re-filing in one or more divisional or continuation applications.

Please amend claims 22 and 23 as found on the following pages.

Marked-up copies of the original text of the amended claims are attached to this amendment. Material inserted is indicated by underlining and material deleted is indicated by brackets.

11/18/2002 SDENBOB1 00000031 09735995

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